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Our Ref. No. 612-65525
Inventor Name: Isaac J. Mosgrove et al.
For: MANAGING ACCESS TO
PHYSICAL ASSETS
Express Mail No. EV339204215US
Mailed: November 14, 2003

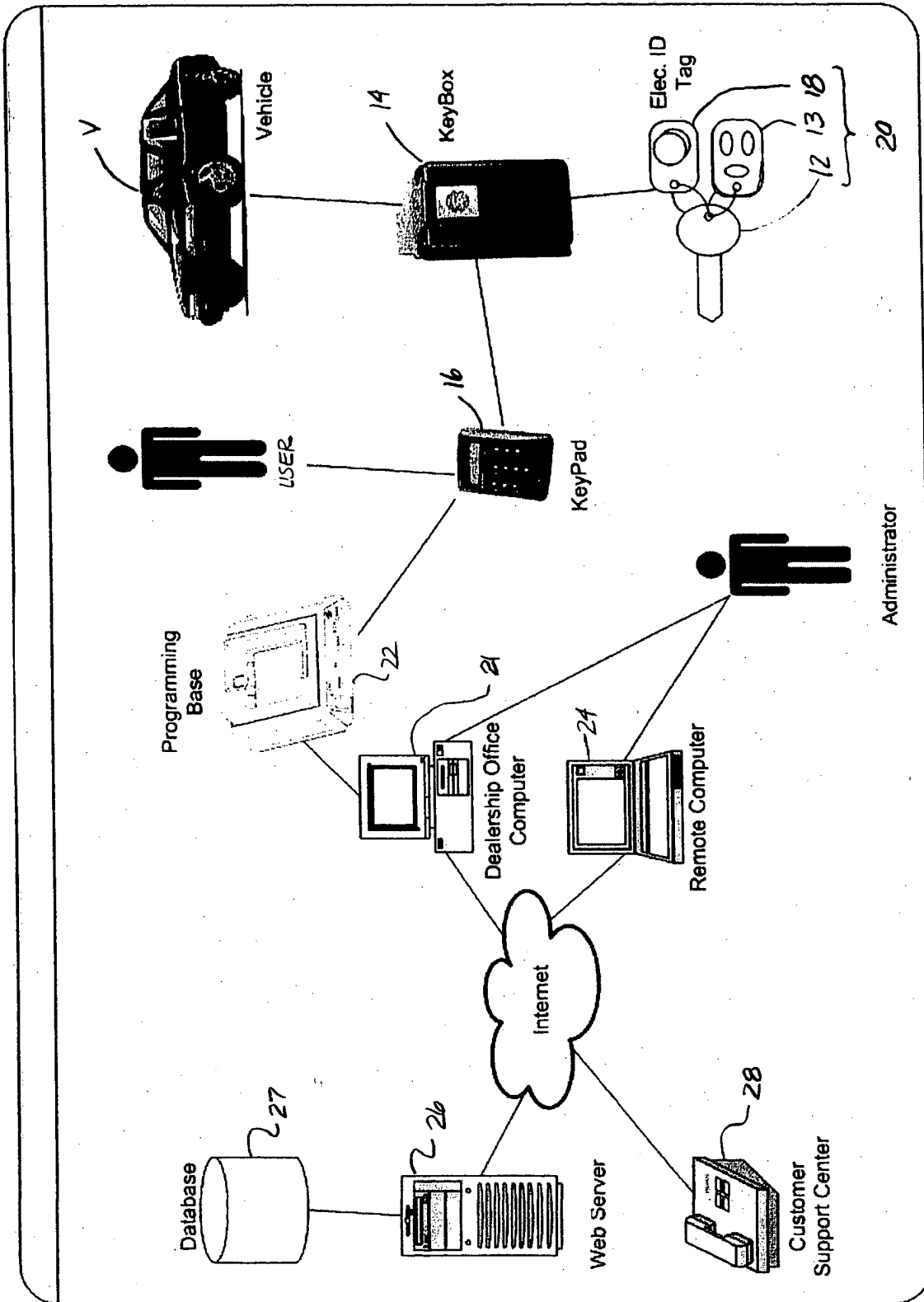


FIG. 1

Fig. 2

Typical Key Holder Behavior

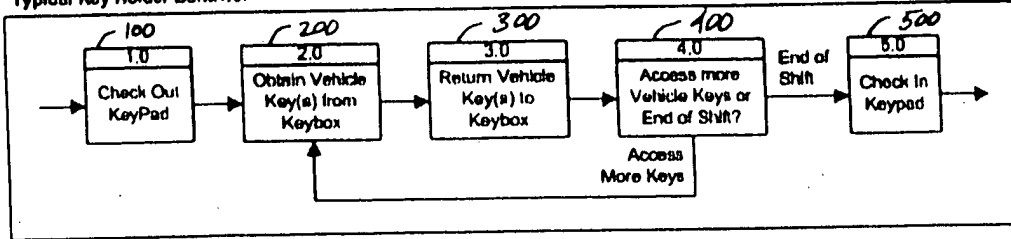
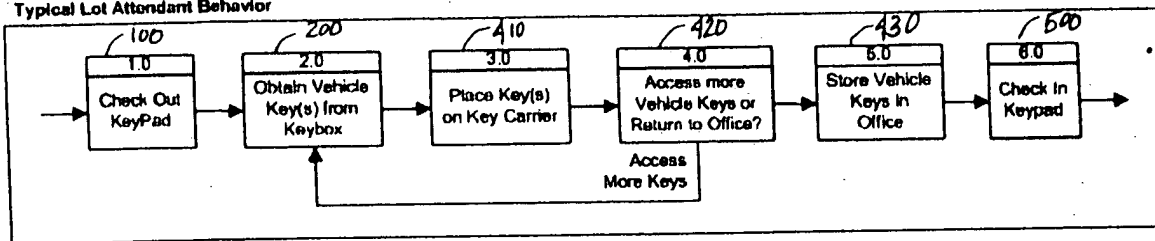


Fig. 3

Typical Lot Attendant Behavior



Obtain Vehicle Key(s) from Keybox

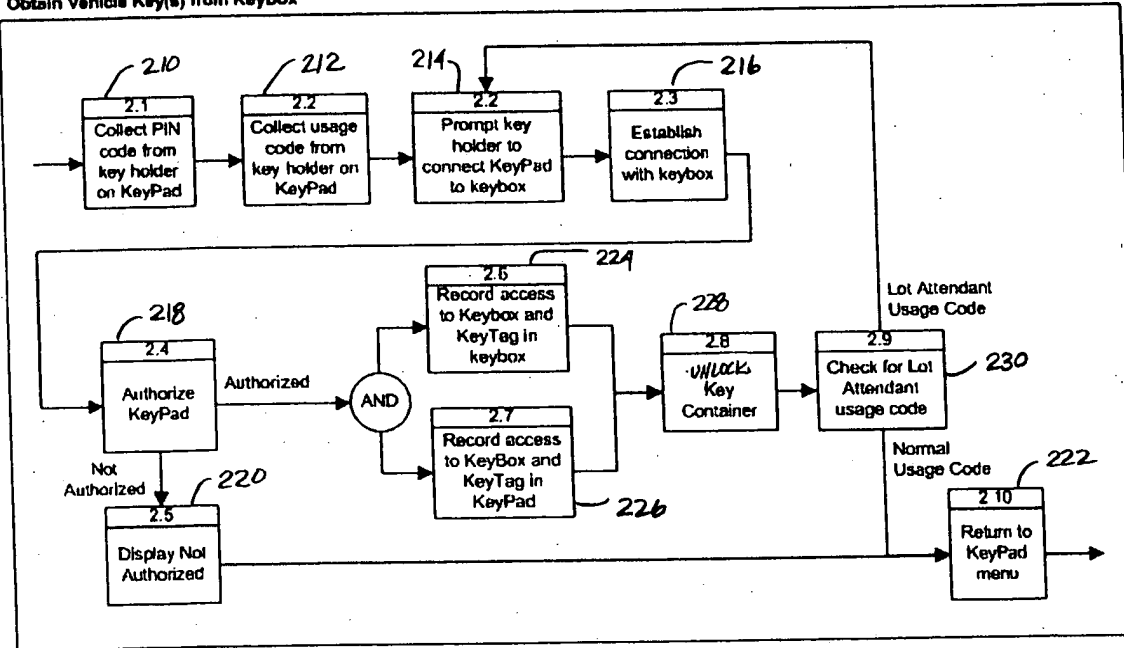


Fig. 4

FIG. 5

Key Holder Login and Menu

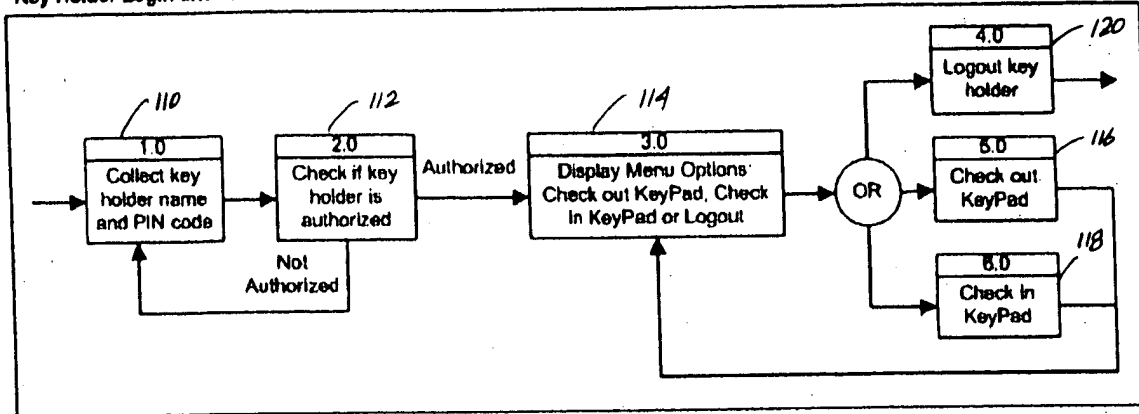


FIG. 6

Check Out KeyPad

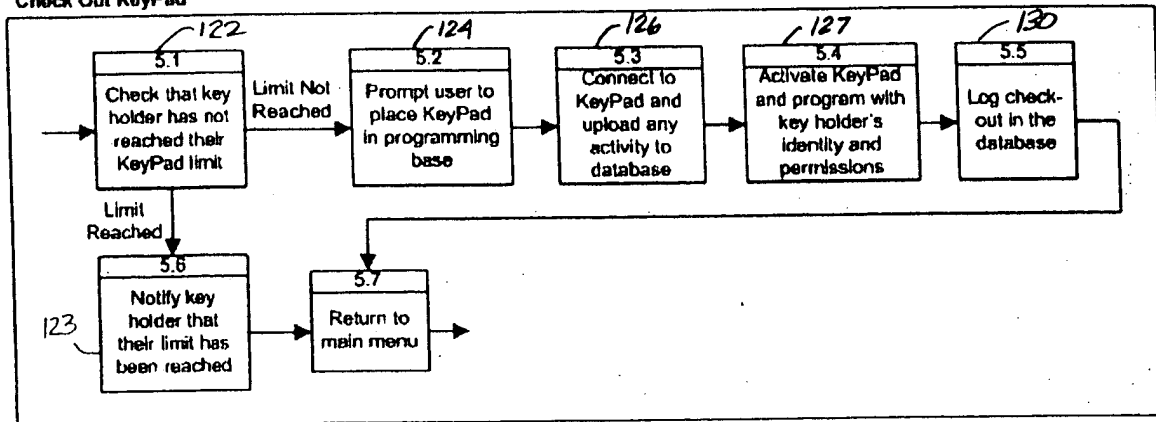


FIG. 7

Check In KeyPad

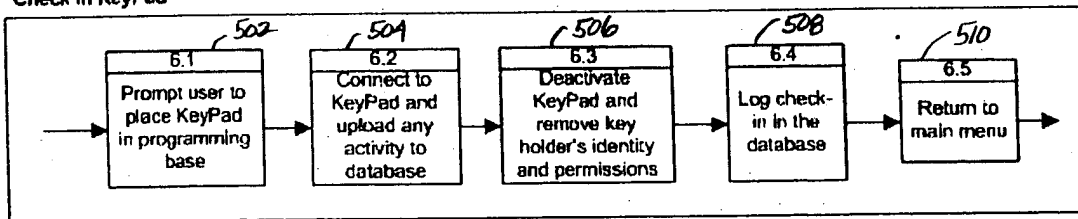


Fig. 8

Administrator Login and Menu

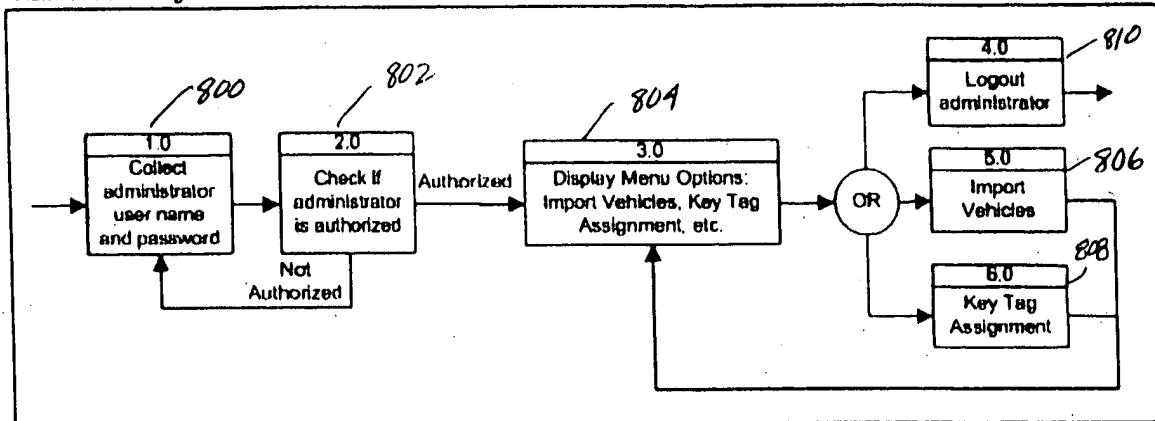


Fig. 9

Import Vehicles

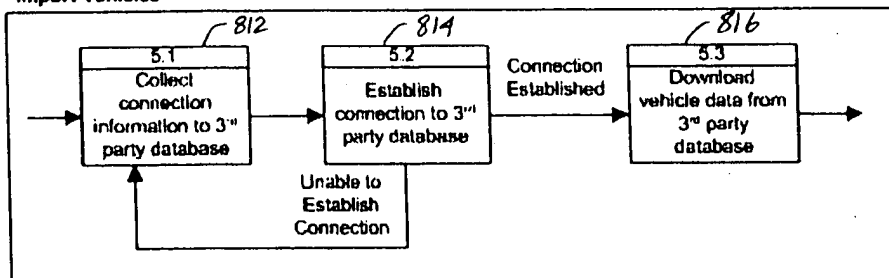
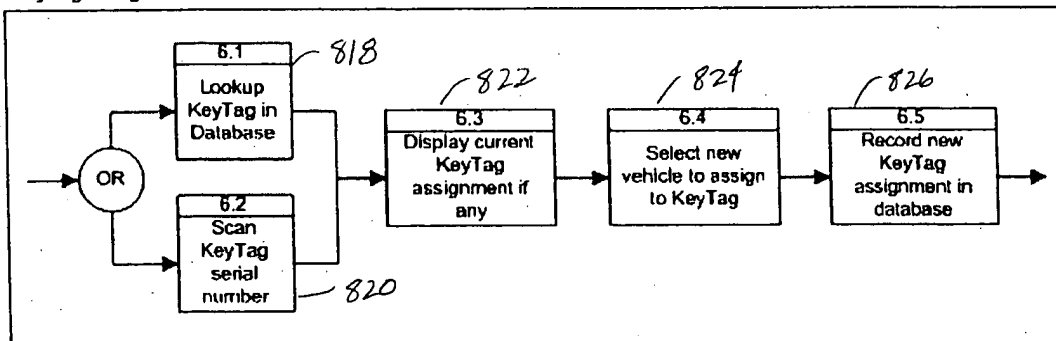


Fig. 10

KeyTag Assignment



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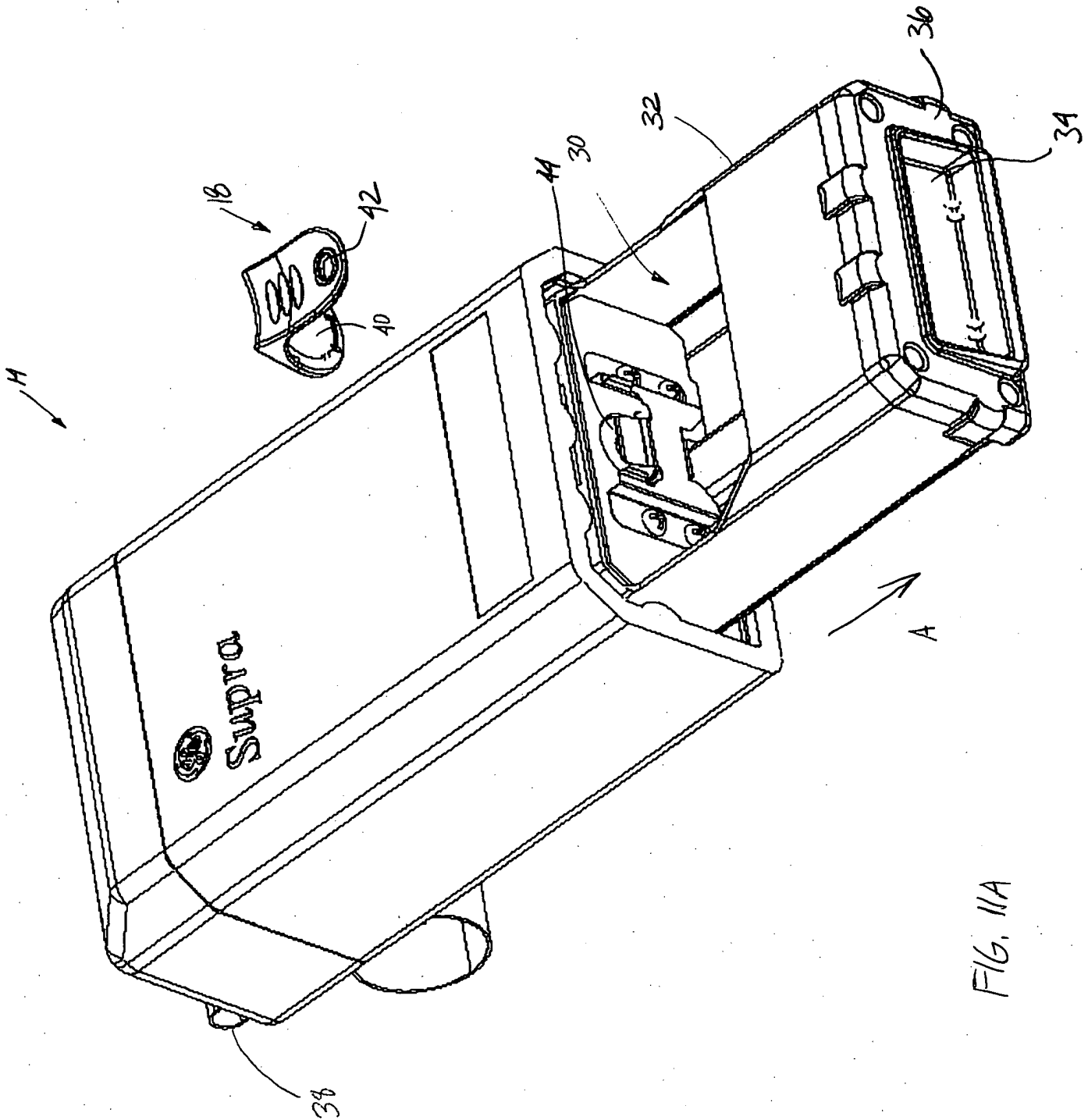
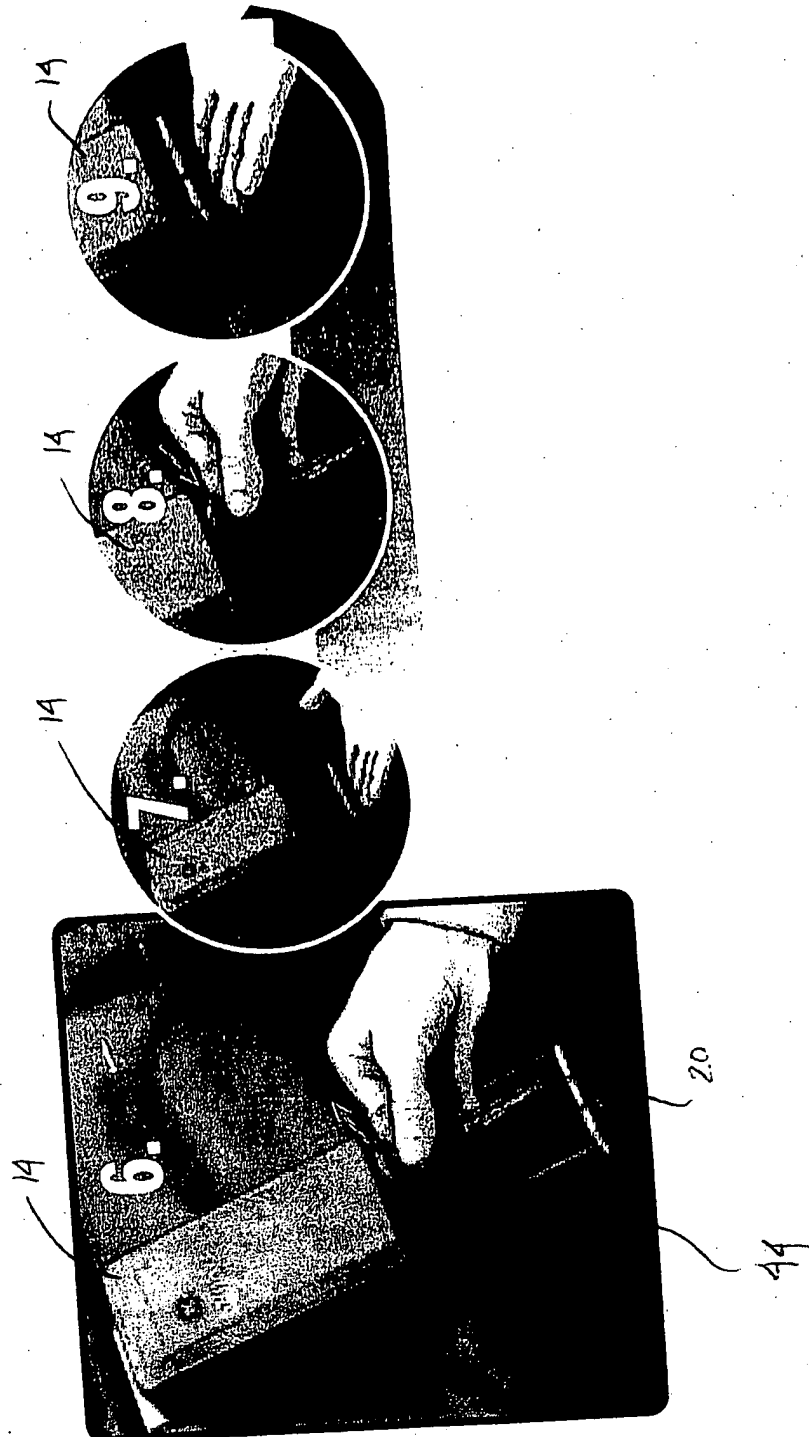


FIG. 11A

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FIG. 11B



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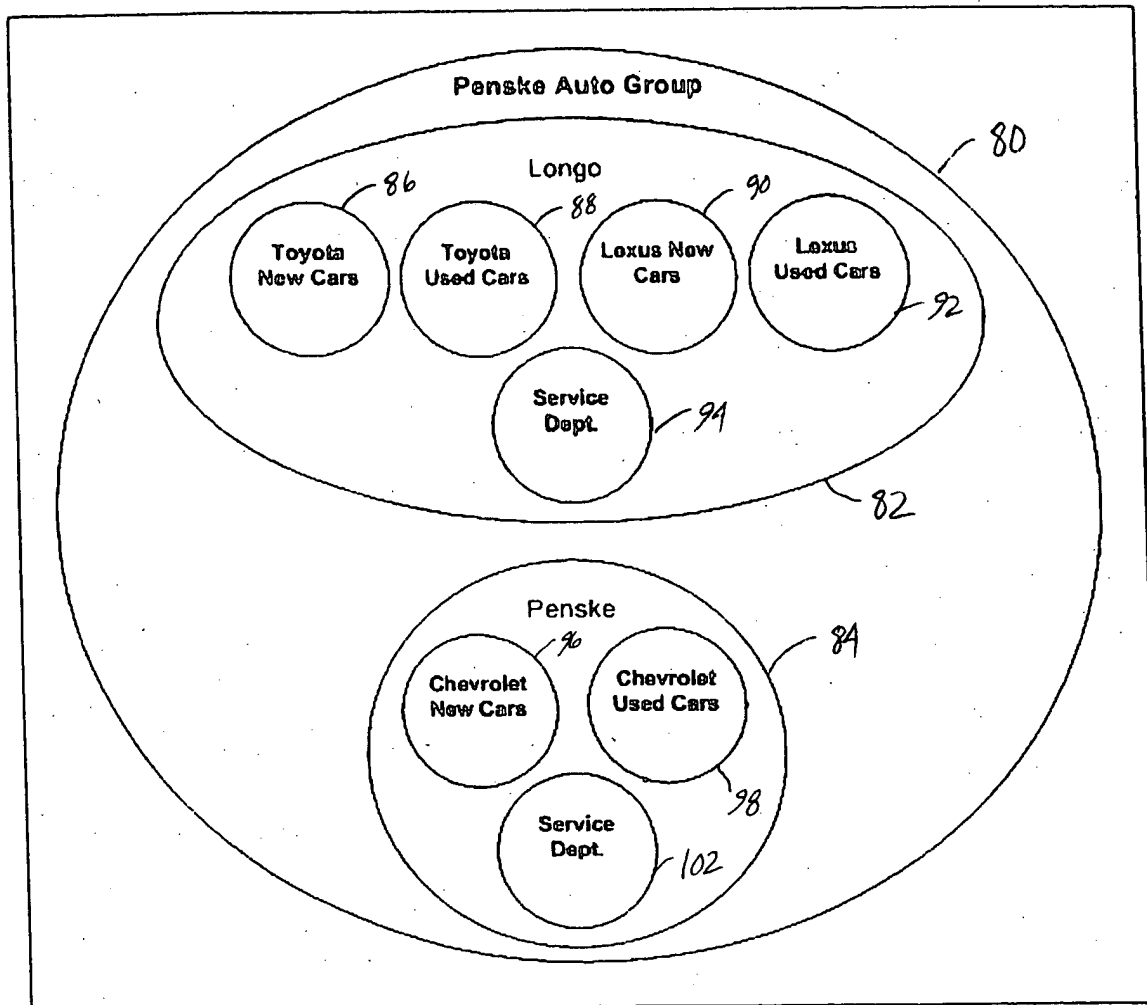


FIG. 12

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Key Advantage User Configuration

Name: Nellie Frost
Type: Local Administrator
Location: Lot 2

Login: nellie
Password: nest

Access Availability (Check box to allow access)

System Code	Name
<input type="checkbox"/> Hide	
AAAA	<input type="checkbox"/> Lot 1 -- New
BBBB	<input checked="" type="checkbox"/> Lot 2 -- New
CCCC	<input checked="" type="checkbox"/> Lot 2 -- Service
DDDD	<input type="checkbox"/> Lot 3 -- New
EEEE	<input type="checkbox"/> Lot 3 -- Used
IIII	<input type="checkbox"/> Lot 3 -- Service

User Parameters

- ☒ Edit Record Information
- ☒ Program devices
- ☒ View Reports
- ☐ View screens only (no editing)

FIG. 13

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Key Advantage User Configuration

Name: Frank Snipes
Type: Sales Manager
Location: Lot 2

Login: frank
Password: frapes

Access Availability (Check box to allow access)

System Code	Name
<input type="checkbox"/> Hide	
BBBB	<input checked="" type="checkbox"/> Lot 2 - New
CCCC	<input type="checkbox"/> Lot 2 - Service

User Parameters

- ☐ Edit Record Information
- ☐ Program devices
- ☒ View Reports
- ☒ View screens only (no editing)

FIG. 14

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Information		Program									
Sales Person 1		Status	Active								
Access Availability (Check box to allow access)		Time	From: 8:00 To: 17:00								
<table border="1"><thead><tr><th>System Code</th><th>Name</th></tr></thead><tbody><tr><td><input type="checkbox"/> Hide</td><td></td></tr><tr><td>BBBB</td><td><input checked="" type="checkbox"/> Lot 2 -- New</td></tr><tr><td>CCCC</td><td><input type="checkbox"/> Lot 2 -- Service</td></tr></tbody></table>		System Code	Name	<input type="checkbox"/> Hide		BBBB	<input checked="" type="checkbox"/> Lot 2 -- New	CCCC	<input type="checkbox"/> Lot 2 -- Service	Renewal	Shift
System Code	Name										
<input type="checkbox"/> Hide											
BBBB	<input checked="" type="checkbox"/> Lot 2 -- New										
CCCC	<input type="checkbox"/> Lot 2 -- Service										
Group		Access Allowed per Device	<input type="checkbox"/>								
		Days	<input type="checkbox"/> Sunday <input checked="" type="checkbox"/> Monday <input checked="" type="checkbox"/> Tuesday <input checked="" type="checkbox"/> Wednesday <input checked="" type="checkbox"/> Thursday <input checked="" type="checkbox"/> Friday <input type="checkbox"/> Saturday								
		Number of Keys Allowed	<input type="text"/>								
		Keys Currently In Use	645598								
			Save								
			Generate PIN								
			PIN 1122								

FIG. 15

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FIG. 16

Information		Program									
Service Technician 1		Status:	Active								
Access Availability (Check box to allow access)		Time:	From: 6:00 To: 15:30								
<table border="1"><thead><tr><th>System Code</th><th>Name</th></tr></thead><tbody><tr><td><input type="checkbox"/> Hide</td><td></td></tr><tr><td>BBBB</td><td><input type="checkbox"/> Lot 2 -- New</td></tr><tr><td>CCCC</td><td><input checked="" type="checkbox"/> Lot 2 -- Service</td></tr></tbody></table>		System Code	Name	<input type="checkbox"/> Hide		BBBB	<input type="checkbox"/> Lot 2 -- New	CCCC	<input checked="" type="checkbox"/> Lot 2 -- Service	Renewal:	Shift
System Code	Name										
<input type="checkbox"/> Hide											
BBBB	<input type="checkbox"/> Lot 2 -- New										
CCCC	<input checked="" type="checkbox"/> Lot 2 -- Service										
Group: <input type="text"/>		Accesses Allowed per Device:	25								
		Days:	<input type="radio"/> Sunday <input checked="" type="radio"/> Monday <input checked="" type="radio"/> Tuesday <input checked="" type="radio"/> Wednesday <input checked="" type="radio"/> Thursday <input checked="" type="radio"/> Friday <input type="radio"/> Saturday								
		PIN:	4321								
		<input type="button" value="Generate PIN"/>									
		Number of Keys Allowed:	1								
		Keys Currently In Use 645599									
		<input type="button" value="Save"/>									

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Information		Program	
Tom Smith		Status: Active	PIN: 1234
Access Availability (Check box to allow access)		Time: From: All Hours	Generate PIN
System Code	Name	Renewal: Sunday: 24:00	Number of Keys Allowed: <input type="text"/>
<input type="checkbox"/> Hide		Accesses Allowed per Device: <input type="text"/>	Keys Currently In Use 645568 773252
AAAA	<input checked="" type="checkbox"/> Lot 1 -- New	Days: <input checked="" type="radio"/> Sunday	
BBBB	<input checked="" type="checkbox"/> Lot 2 -- New	<input checked="" type="radio"/> Monday	
CCCC	<input type="checkbox"/> Lot 2 -- Service	<input checked="" type="radio"/> Tuesday	
DDDD	<input checked="" type="checkbox"/> Lot 3 -- New	<input checked="" type="radio"/> Wednesday	
EEEE	<input checked="" type="checkbox"/> Lot 3 -- Used	<input checked="" type="radio"/> Thursday	
IIII	<input type="checkbox"/> Lot 3 -- Service	<input checked="" type="radio"/> Friday	
Group: <input type="text"/>		<input checked="" type="radio"/> Saturday	

FIG. 17

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FIG. 18

Information		Program															
Jim Jones – Lot 3		Status	Active														
Access Availability (Check box to allow access)		Time	From: 8:00 To: 19:30														
<table border="1"><thead><tr><th>System Code</th><th>Name</th></tr></thead><tbody><tr><td>AAAA</td><td><input checked="" type="checkbox"/> Lot 1 – New</td></tr><tr><td>BBBB</td><td><input checked="" type="checkbox"/> Lot 2 – New</td></tr><tr><td>CCCC</td><td><input type="checkbox"/> Lot 2 – Service</td></tr><tr><td>DDDD</td><td><input checked="" type="checkbox"/> Lot 3 – New</td></tr><tr><td>EEEE</td><td><input type="checkbox"/> Lot 3 – Used</td></tr><tr><td>IIII</td><td><input type="checkbox"/> Lot 3 – Service</td></tr></tbody></table>		System Code	Name	AAAA	<input checked="" type="checkbox"/> Lot 1 – New	BBBB	<input checked="" type="checkbox"/> Lot 2 – New	CCCC	<input type="checkbox"/> Lot 2 – Service	DDDD	<input checked="" type="checkbox"/> Lot 3 – New	EEEE	<input type="checkbox"/> Lot 3 – Used	IIII	<input type="checkbox"/> Lot 3 – Service	Renewal	Shift
System Code	Name																
AAAA	<input checked="" type="checkbox"/> Lot 1 – New																
BBBB	<input checked="" type="checkbox"/> Lot 2 – New																
CCCC	<input type="checkbox"/> Lot 2 – Service																
DDDD	<input checked="" type="checkbox"/> Lot 3 – New																
EEEE	<input type="checkbox"/> Lot 3 – Used																
IIII	<input type="checkbox"/> Lot 3 – Service																
<input type="checkbox"/> Hide		Accesss Allowed per Device	<input type="checkbox"/>														
Group		Days	<input type="radio"/> Sunday <input checked="" type="radio"/> Monday <input checked="" type="radio"/> Tuesday <input checked="" type="radio"/> Wednesday <input checked="" type="radio"/> Thursday <input checked="" type="radio"/> Friday <input type="radio"/> Saturday														
		Number of Keys Allowed	<input type="text"/>														
		Keys Currently In Use	773392														
			Save														
			Generate PIN														
			PIN 6789														

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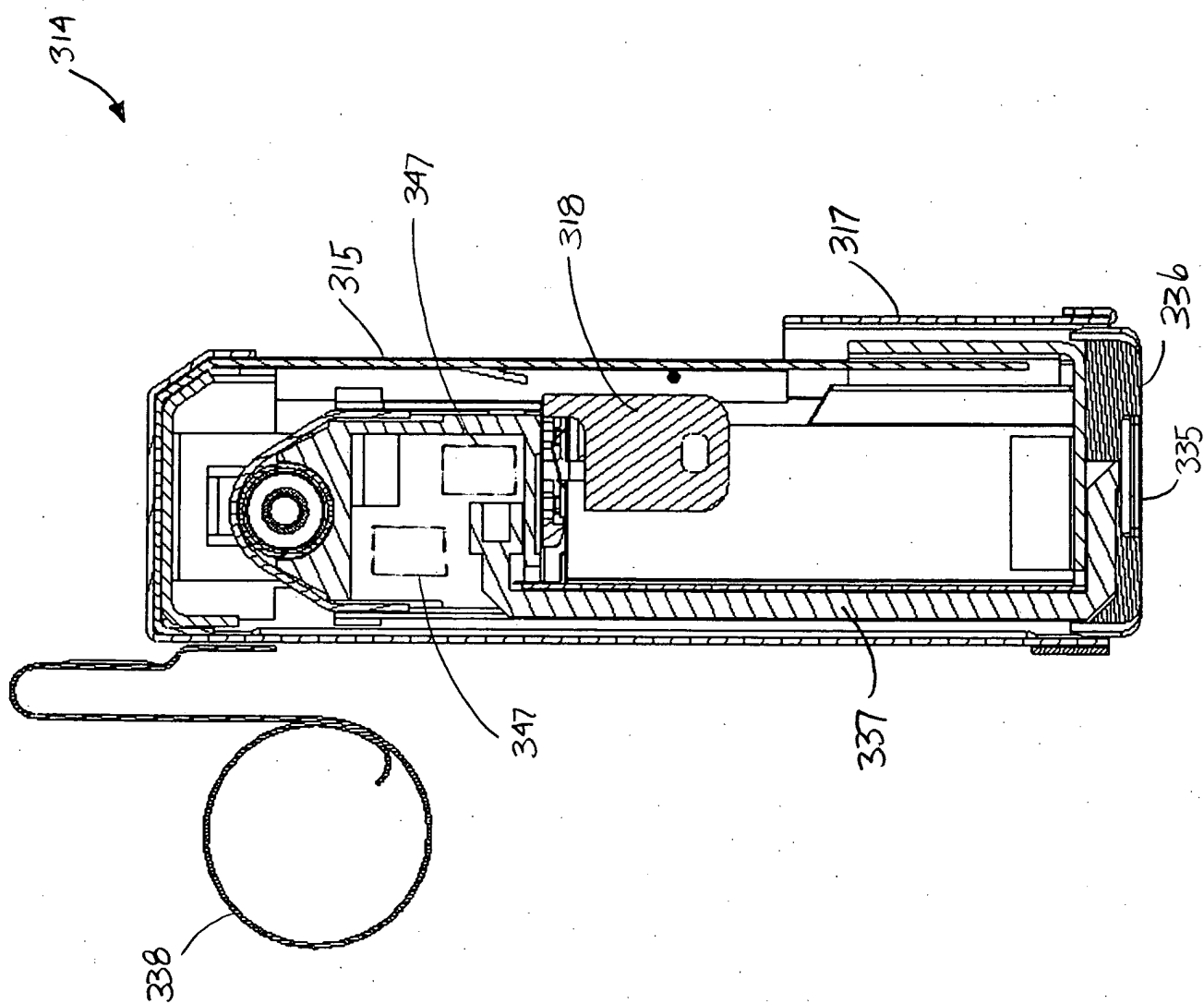
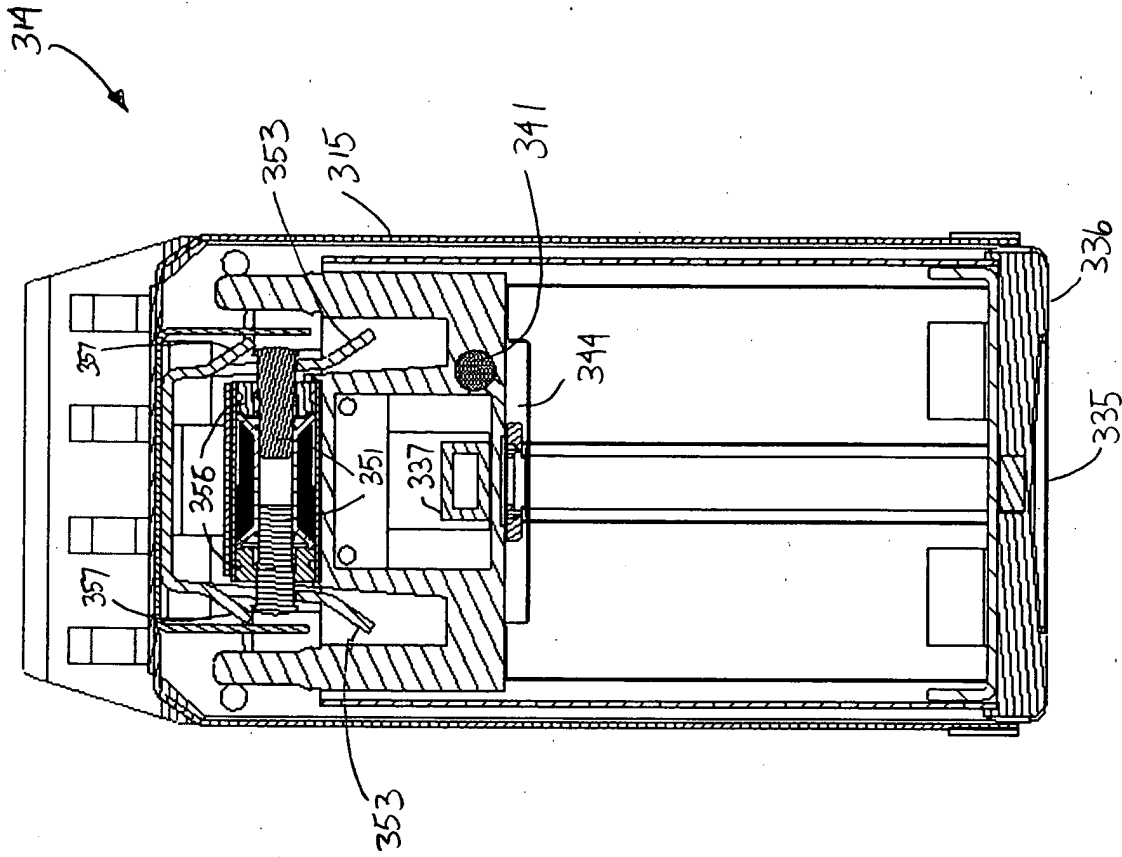


FIG. 20

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FIG. 21



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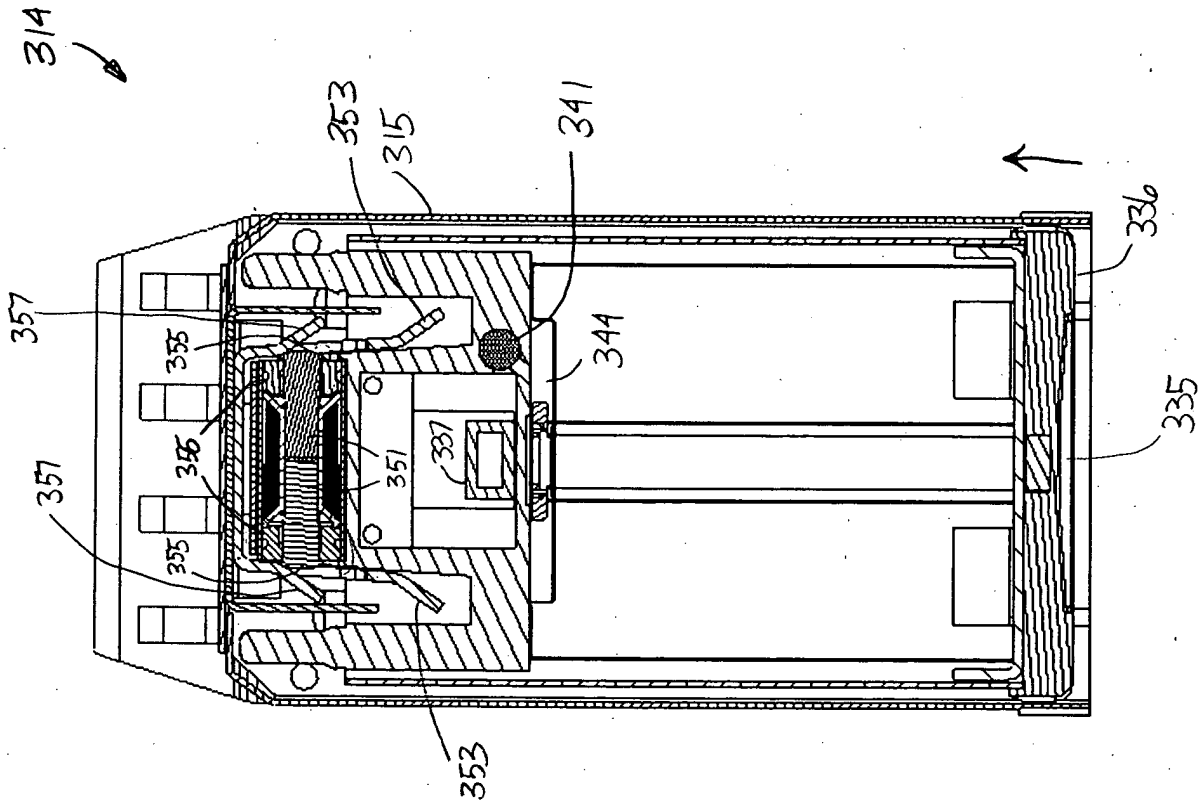


FIG. 22

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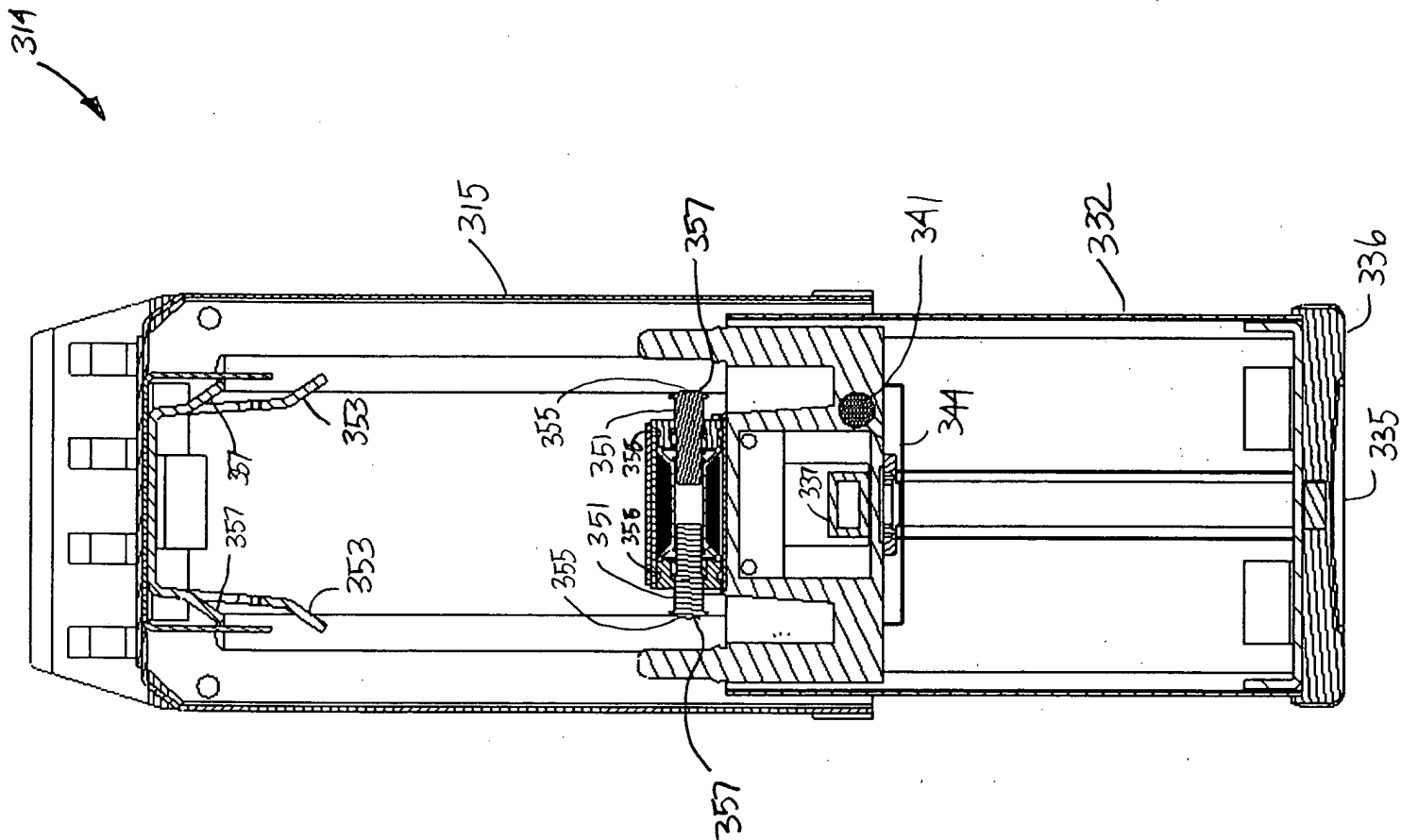


FIG. 23A

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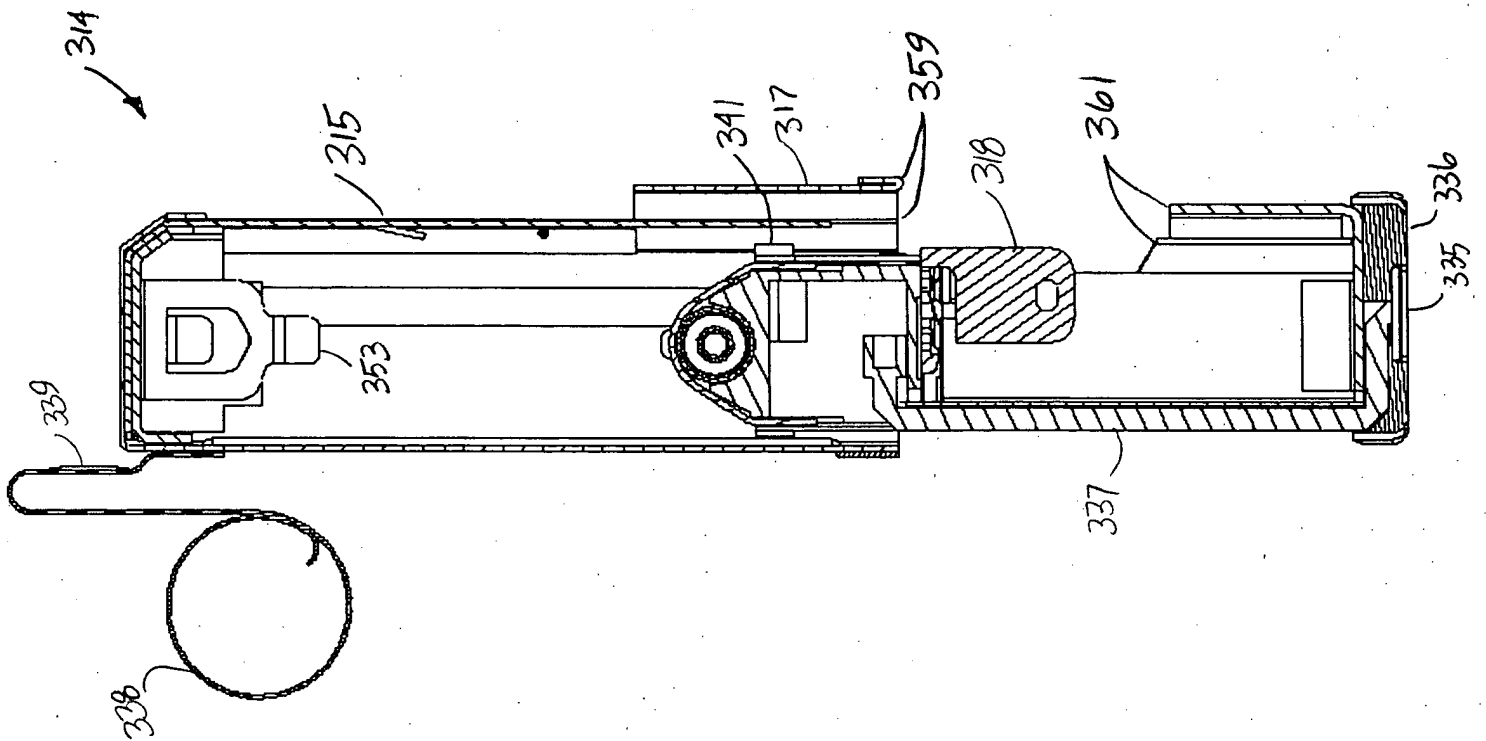


FIG. 23B

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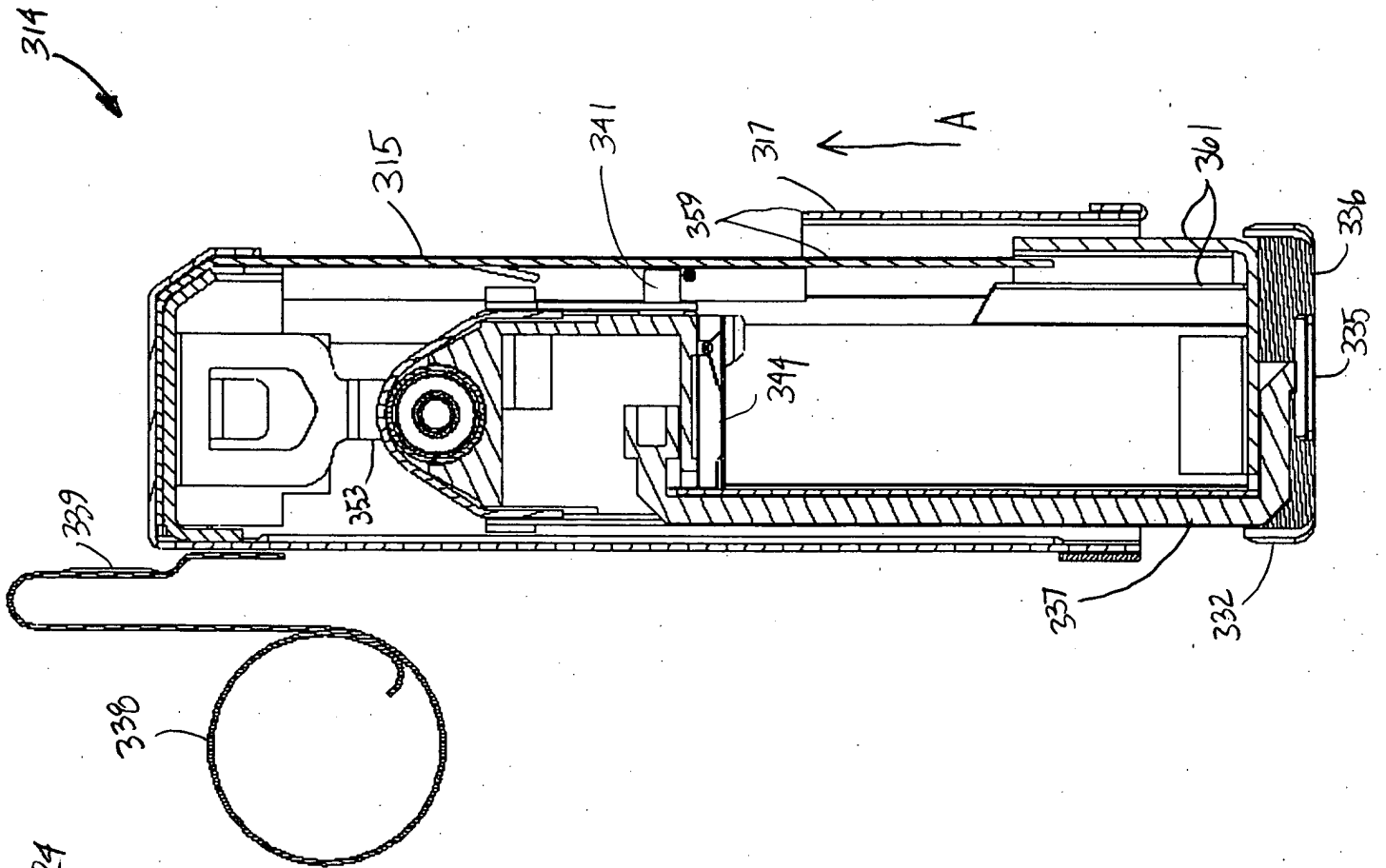
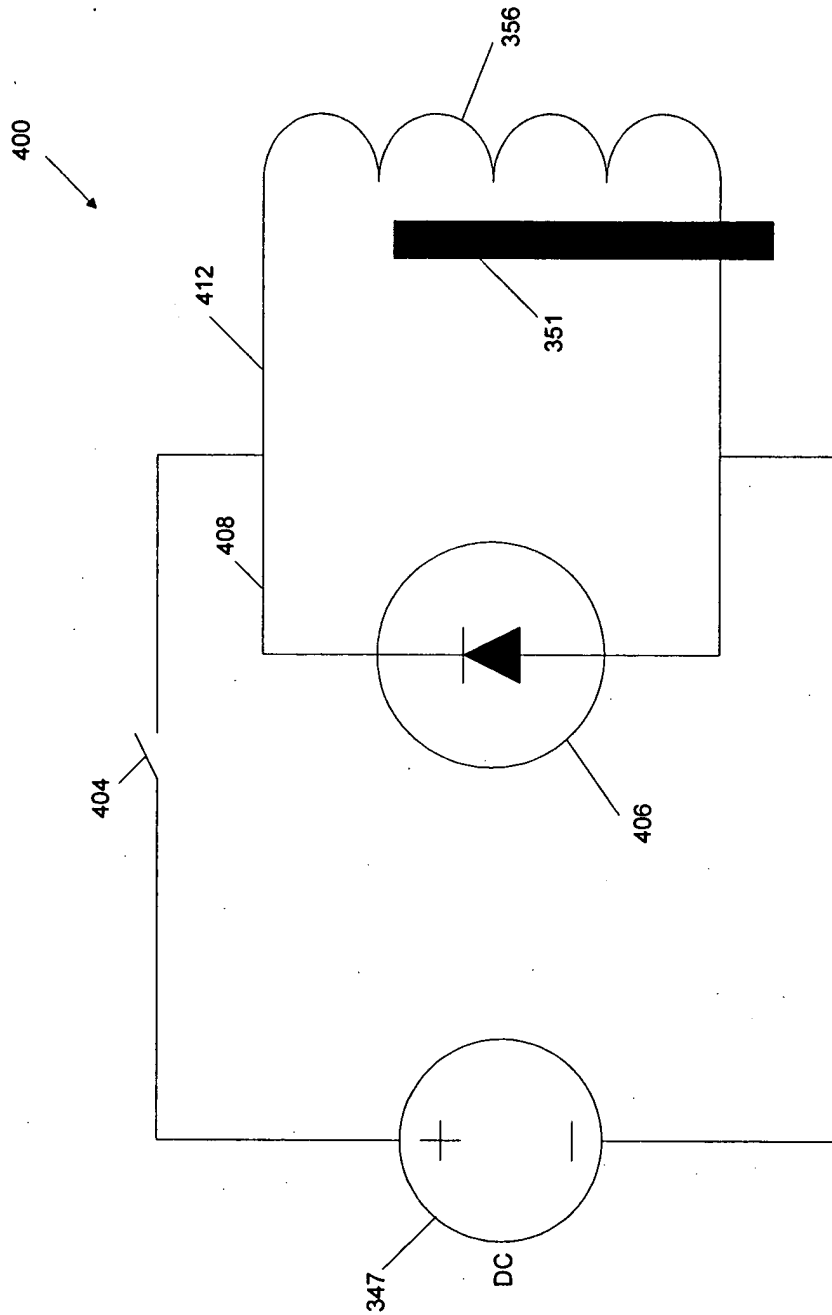


Fig. 24

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FIG. 25



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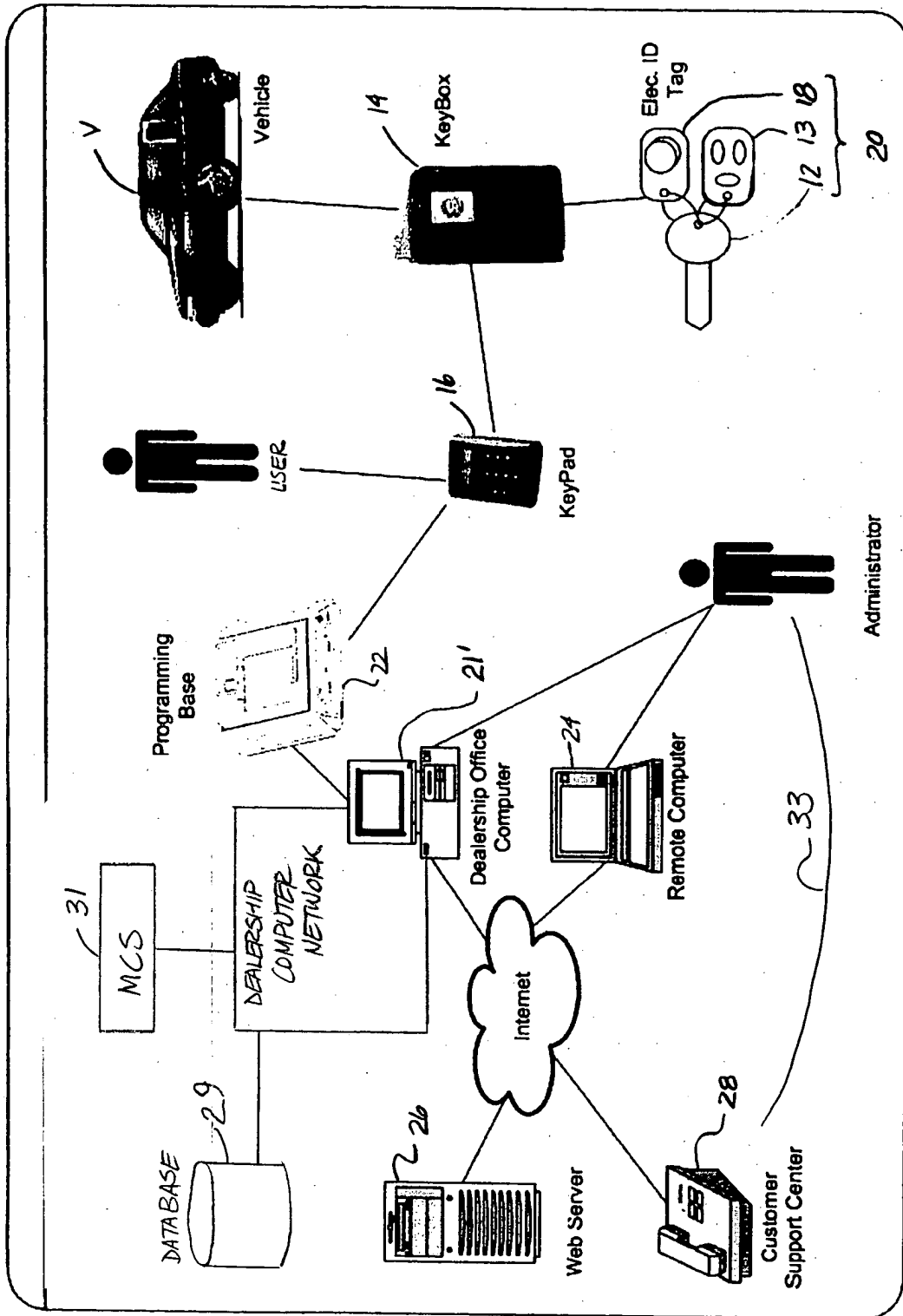


FIG. 2b

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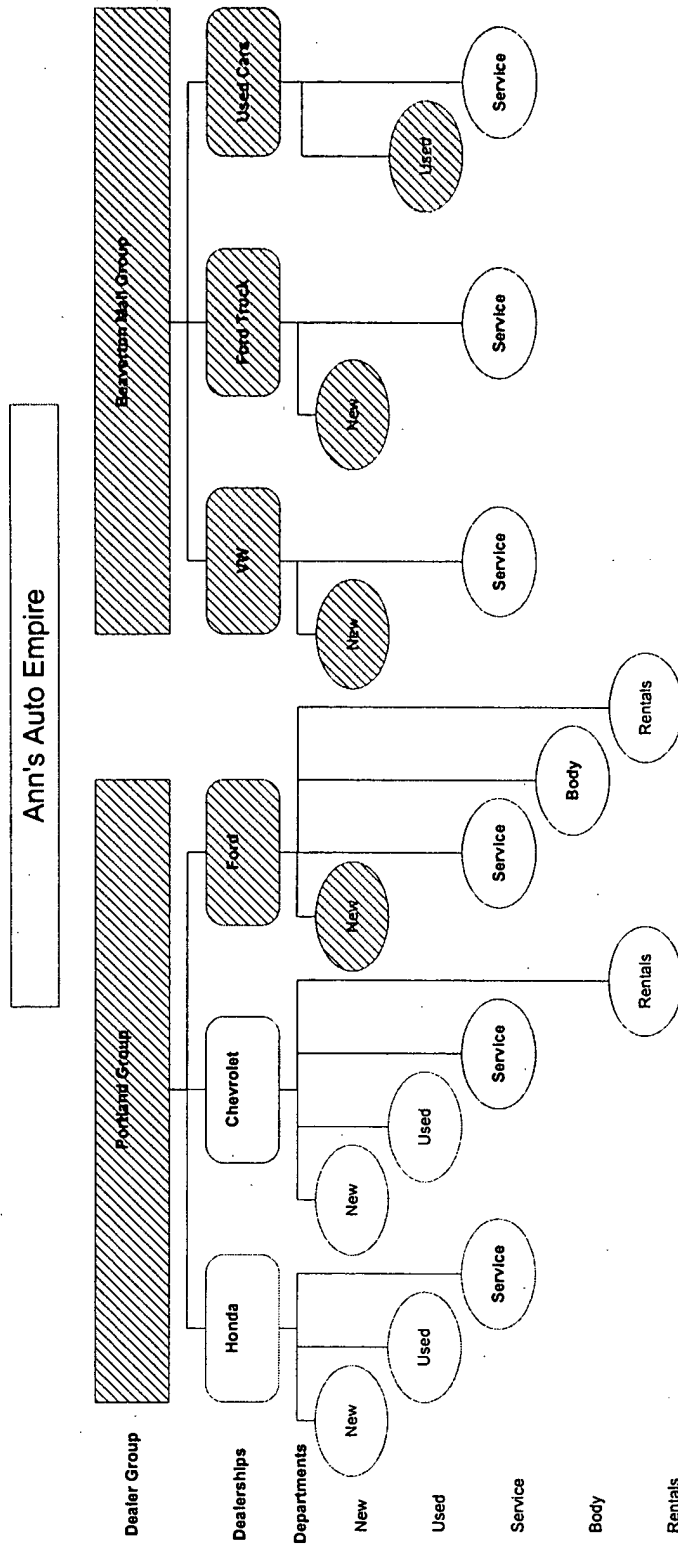


FIG. 27